

SEQUENCE LISTING

<110> THE GOVERNMENT OF THE UNITED STATES OF AMERICA, as
Collins, Peter L.
Bukreyev, Alexander
Murphy, Brian R.
Whitehead, Stephen S.

<120> PRODUCTION OF RECOMBINANT RESPIRATORY SYNCYTIAL VIRUSES
EXPRESSING IMMUNE MODULATORY MOLECULES

<130> 15280-388000PC

<140>

<141>

<150> 60/143,425

<151> 1999-07-13

<160> 10

<170> PatentIn Ver. 2.1

<210> 1

<211> 41

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Gene start
attachment oligonucleotide for MIFNy

<400> 1

tatacccggg atggggcaaa tatgaacgct acacactgca t

41

<210> 2

<211> 44

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Gene end
attachment oligonucleotide for MIFNy

<400> 2

attacccggg aatttttaat aacttcagca gcgactcctt ttcc

44

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<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: PCR primer for
IL-2 with gene start sequence

<400> 3

tatacccggtg atggggcaaa tatgtacagc atgcagctcg c

41

<210> 4

<211> 44

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: PCR primer for
IL-2 with gene end sequence

<400> 4

attaccgggtg aatttttaac aactttattg agggcttggt gaga

44

<210> 5

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<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Sequence
flanking IFN γ insert with gene start

<400> 5

cccgggatgg ggaaataatg

20

<210> 6

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<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Sequence
flanking IFN γ insert with gene end

<400> 6

tgaagttatt aaaaattccc ggg

23

<210> 7

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<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Detail of XmaI
linked sequences

<400> 7

aggccccggg gcct

14

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<223> Description of Artificial Sequence: Sequence
flanking GMLSf insert with gene start

<400> 8

agttacttaa aaacatatta tcacaaaagg ccccggggcc ttgaccaaac ttaaacagaa 60
tcaaaataaa ctctggggca aat 83

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<211> 20

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Sequence
flanking GMLSf insert with gene end

<400> 9

cccgggatgg ggcaaatatg

20

<210> 10

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Detail of XmaI
linked sequences

<400> 10

taaagttatt aaaaattccc ggg

23